

What is an eCUBE Micro-Controller?



Simply put, the eCUBE is a compact control device with enough processing power and on-board I/O to handle virtually all local area control requirements. The versatility of this small unit is unparalleled in the controls industry. While the built-in user interface defines the unit as a perfect solution for dedicated equipment control, the inherent network capabilities also make it a viable solution for plant-wide distributed intelligence designs.

The eCUBE can be purchased as a raw controller or in prewired standard packages. Signal conditioning boards and I/O modules are also available to allow the unit to monitor and control all industry-standard digital signal levels.

Want to program it yourself? The inherent functionality of the eCUBE operating system dramatically simplifies program development requirements. Simple method calls are provided to handle low-level tedious tasks (analog value scaling, screen positioning, etc...).

Product Features

NEMA 4X Case

- Indoor Use Only

User Interface

- 128x64 Pixel Backlit LCD
- 18 Membrane Keys

Program Language Support

- Std C; Assembler

Communication Ports

- Standard RS232 9-Pin
- RS485 Network (128KBaud)

Digital Signal Support

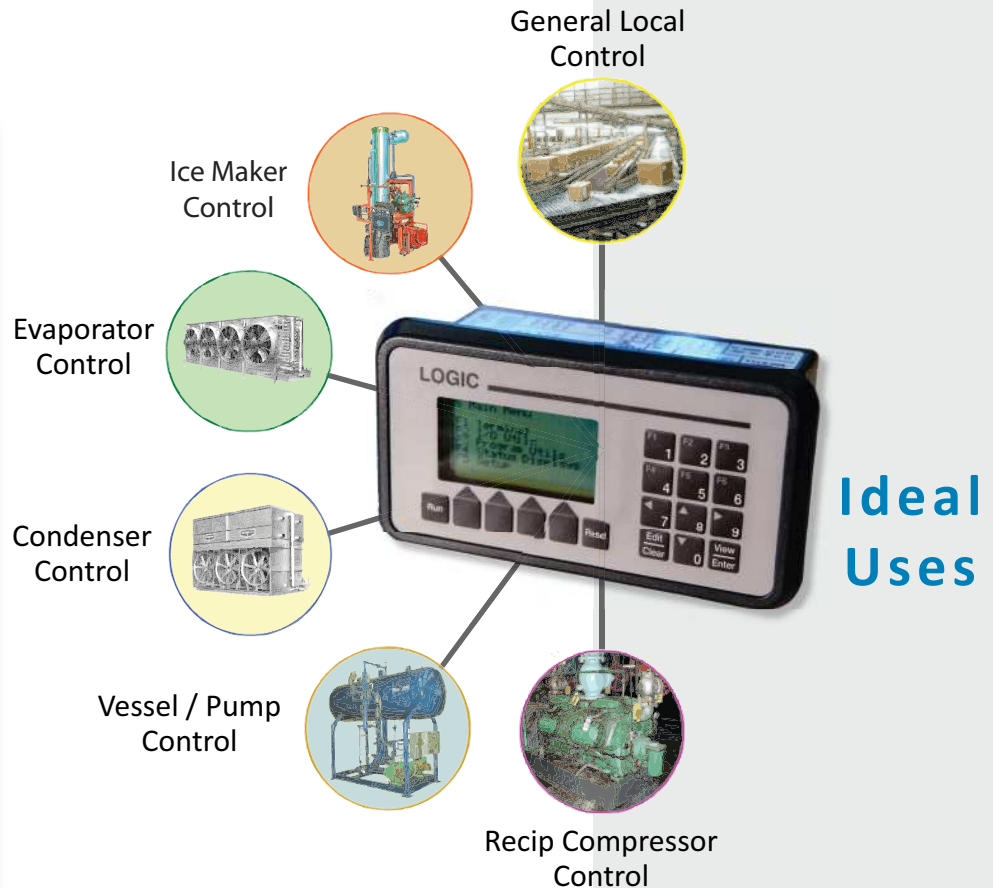
- 10 NPN Digital Inputs
- 3 Hi-Speed Inputs (14 kHz sink)
- 3 Form C Relay Outputs
- 2 Form A Relay Outputs
- 2 NPN Digital Outputs

Analog Signal Support

- 2 4-20mA Input Points
- 2 0-10vDC Input Points
- 2 4-20mA Output Points

CPU / Memory

- Atmel ATMEGA128 CPU
- 128k Memory (10K OS)



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